



NAAC Accredited 'B***' (2.76)

“ ज्ञान, विज्ञान आणि सुसंस्कार यांसाठी शिक्षणप्रसार ” – शिक्षणमहर्षी डॉ. बापूजी साळुंखे

Shri Swami Vivekanand Shikshan Sanstha, Kolhapur's

PADMABHUSHAN DR. VASANTRAODADA PATIL MAHAVIDYALAYA

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● Affiliated to Shivaji University, Kolhapur ●

ISO - 9001:2015

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▶ Established Year : June 1962 ▶ P. B. No. : 14 ▶ Jr. College No. : J22-10-001 ▶ Sr. College Code No. : $\frac{SIAC/4}{X}$ Jr.: C-8

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M.Sc. B. Ed.

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PRINCIPAL
M.Sc., Ph. D

Ref.No. : PDVPMT/

Date :

Internal Quality Assurance Cell

PROGRAM OUTCOMES AND COURSE OUTCOMES

(2019-2020)

UNDER GRADUATE (U.G.)

Programme Outcomes

BACHELOR OF ARTS (B. A.)

Student seeking admission for B.A. programme is expected to inspire encourage with following quality which help them in their future life to achieve the expected goals.

1. To realize of human values.
2. To create sense of social service.
3. To prepare them responsible and dutiful citizen.
4. To acquire critical temper
5. To create ability.

Course Outcomes

MARATHI

1. To create an interest in literature.
2. To avail the job opportunities in translation, transformation and media.
3. To develop language.
4. To Increase the critical attitude about literary studies.
5. To imbue the literary research attitude.

HINDI

1. To develop reading, writing, speaking and listening skills.
2. To avail the job opportunities in translation.
3. To increase the critical attitude about literary writing.
4. To create an interest in literature.
5. To imbue the literary research attitude.

ENGLISH

1. Basic knowledge of English as Language.
2. To acquire major knowledge of English as Literature.
3. To enhance basic knowledge of English Grammar.
4. To develop critical study of English Literary studies.
5. To discuss relation between pleasure of literature and real life.

HISTORY

1. To Understand of Historical framework for the development of Indian civilization and understand background of our nation.
2. To Pursue a more in depth study in aspects of ancient, medieval and modern to contemporary history.
3. To Understand the present social, political, religious and economical conditions of the Indian society.
4. To Develop practical skills helpful in the study and understanding of historical events.
5. To Prepare for historical sources such as maps, charts, diagrams, rare books, rare documents and so on.
6. To they will also prepare historical models, tools etc.

ECONOMICS

1. To understand how different degrees of competition in a market affect pricing and output.
2. To understand the efficiency and equity implications of market interference, including government policy.
3. To develop research knowledge in economics.
4. To develop the skill of data collection & use of sampling techniques in research.
5. To develop the knowledge about theories of economic growth & development and issues of economic planning.
6. To create awareness about changing macro-economic policies and theories.

SOCIOLOGY

1. To get students will be able to think sociologically about the society and the relationship between social structure, social interaction, identities, and inequalities in society.
2. Students will be able to identify and explain major Western and Indian sociological theories and apply them in to their everyday life.
3. Students will be capable in to think about local social problems through qualitative and quantitative research.
4. Students will be able to communicate in society as a social researcher for objective data collection.
5. Students will be able to understand the social fact, social problems in indian society.
6. Students will be able to take an admission to career orientate courses i.e. M. S.W., M. B.A. etc.

POLITICAL SCIENCE

1. To acquire knowledge about political system of the nation.
2. To study of national and international political affairs.
3. To study from competitive examination point of view.
4. To understand the government mechanism, its functions, duties and responsibilities.
5. To create appropriate and efficient political leaders.

6. To get knowledge of political law.
7. To acquire knowledge of Constitution of India.

GEOGRAPHY

1. To serve as a Geographer
2. To work as a teacher in schools and high schools
3. To serve as conservator in forest, Soil, Agri, Departments.
4. To work in disaster and water resources management.
5. To serve in forest department as forest conservator.
6. To serve in cartographer in map making divisions of Government.
7. To encourage work in NGOs.
8. To make prepare for Competitive exams.

BACHELOR OF SCIENCE (B. Sc.)

Program Outcomes

Students taking admission to this program of B.Sc. are expected to get equipped with following outcomes:

1. Explaining the basic scientific principles and methods .
2. Inculcating scientific thinking and awareness among the student.
3. To make able to communicate with others in regional language and in English.
4. Ability to handle the unexpected situation by critically analyzing the problem. e. Understanding the issues related to nature and environmental contexts and sustainable development.

CHEMISTRY

1. To create interest in environmental issue.
2. To increase handling knowledge of instruments.
3. To obtain the knowledge of pharmaceutical industries.
4. To social awareness about the quality of water.
5. To increasing the practical skill of the students
6. Awareness about plastic garbage.
7. Awareness about solid liquid waste management.

PHYSICS

1. To identify and describing physical systems with their professional knowledge.
2. To develop their scientific intuition, ability and techniques to tackle problems either theoretical

or experimental in nature.

3. Acquire knowledge of general physics like sound, wave, friction, forces and laws of motion and use of mathematics.
4. Information of electrical current, circuits, construction and their use.
5. To make them learn about concepts of nuclear physics and nuclear energies and importance of their use for mankind.
6. To Know about the light and its importance in life, its characteristics, properties and use in various instruments

MATHEMATICS

1. To create ability to calculate and reason to design complex and critical financial models for Bank and Insurance Companies.
2. To create ability to understand both concrete and abstract problems.
3. To create ability to make critical observations.
4. To create ability to accurately organize, analyze and interpret data.
5. To develop the mathematical logic which is very useful for solving mathematical reasoning problems.

STATISTICS

1. Application of statistics in various walks of life.
2. Ability to apply various statistical tools to research problem.
3. To understand how to collect, present, analyze and interpret the data.
4. Ability to analyze the data by using MS-Excel.
5. To know the statistical organization in India and Abroad.
6. Ability to build statistical knowledge.
7. Application of various distributions to real life situation.

BOTANY

1. To identify different resources helpful for human life.
2. To identify different groups of plants
3. To acquire knowledge about inheritance, biochemical and metabolic activities.
4. To develop of horticultural skill.
5. Acquiring knowledge about importance of environment.

ZOOLOGY

1. To improve the knowledge about criteria for animal classification.
2. To study of salient features of chordates and non-chordates.
3. To improve the knowledge of animals about their special adaptations and evolutionary

relationship.

4. To make scientific study of their nature of habitant with environment.
5. To improve information about external morphology and anatomy of animals including human being.

COMPUTER SCIENCE

1. Effectively communicating computing concepts and solutions to bridge the gap between computing industry experts and business leaders to create and initiate innovation.
2. Ability to use approximately system design notations and apply system design engineering process in order to design, plan and implement software systems.
3. To prepare for a career in an information technology oriented business or industry or for graduate study in computer science or other scientific or technical fields.
4. To make able to complete successfully to program small –to-mid-size programs on their own.
5. Effectively utilizing the knowledge of computing principles and mathematics theory to develop sustainable solutions to current and future computing problems.
6. To make develop and implement solution based system and/or process that address issues and/or improve existing systems within a computing based industry.

BACHELOR OF COMMERCE (B.COM)

Program Outcomes

Students who have taken admission to this program of B.Com are expected to concentrate upon the following outcomes.

1. Commercial sense.
2. Develop managerial skills.
3. Entrepreneurial skill.
4. Budgeting policy.
5. Human Resources Management.
6. Develop Numerical ability.

--Well versed with business regularity framework.

Master of Science (M. Sc.)

P.G. PROGRAM OUTCOME

M. Sc. degree program translates to making a significant investment in one's professional career.

1. To the enhanced career prospects that can be gained by taking a Master of Science.
2. To create valuable personal skills and fulfil a crucial prerequisite to PhD study.
3. Candidates normally have to do independent research and present a thesis as requirement for graduation.
4. d) An understanding of professional, ethical, legal, security and social issues and responsibilities.

CHEMISTRY

1. To gains complete knowledge about all fundamental aspects of all the elements of chemist.
2. To understand the background of organic reaction mechanisms, complex chemical structures, and instrumental method of chemical analysis, molecular rearrangements and separation technique.
3. To gather attention about the physical aspects of atomic structure, dual behaviour, reaction pathways with respect to time, various energy transformations, molecular assembly in Nano level, significance of electrochemistry, molecular segregation using their symmetry.
4. To carry out experiments in the area of organic analysis, estimation, separation, derivative process, inorganic semi micro analysis, preparation, conductometric and potentiometric
5. To think critically and can analyse chemical problems.

6. To present scientific and technical information resulting from laboratory experimentation in both written and oral formats.
7. To work effectively and safely in a laboratory environment.
8. To use technologies / instrumentation to gather and analyse data.
9. To work in teams as well as independently.
10. To apply modern methods of analysis to chemical system in a laboratory setting.

STATISTICS

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2. To understand the background of organic reaction mechanisms, complex chemical structures, instrumental method of chemical analysis, molecular rearrangements and separation technique.
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GEOGRAPHY

1. To understand the physical basis of the natural greenhouse effect, including the meaning of the term radioactive forcing.
2. To know something of the way various human activities are increasing emissions of the natural greenhouse gases, and are also contributing to sulphate aerosols in the troposphere.
3. To demonstrate an awareness of the difficulties involved in the detection of any unusual global warming „signal“ above the „background noise“ of natural variability in the Earth's climate.
4. To understand that although a growing scientific consensus has become established through the IPCC, the complexities and uncertainties of the science provide opportunity for climate sceptics to challenge the Panel's findings.
5. To make successful completion of this course, students should be able to understand the mean global atmospheric circulations and disturbances, world climate systems, climatic variability and change.

Master of Arts (M.A.)

1. The students acquire in depth knowledge in the field of social sciences, literature and humanities which make them sensitive and sensible enough to solve the issues related with mankind.
2. The postgraduates will be acquainted with the social, economical, historical, geographical, political, ideological and philosophical tradition and thinking of their respective subjects.
3. The program also empowers the post-graduates to appear for various competitive examinations or choose the any post graduate or research programme of their choice.
4. The M. A. program enables the students to acquire the knowledge with human values framing the base to deal with various problems in life with courage and humanity.
6. The students will be ignited enough through the knowledge of the special PG programme to think and act over for the solution of various issues prevailed in the human life to make this world better than ever.
7. Through the PG programme the students will come know about research in their respective subject. It may also provide the information to the students for collection of Data, enquiry, primary and secondary methods of collection of data, classification and tabulation of data.
8. Students get knowledge of various research methods and can realize the importance of research to find solutions of a specific issue.

ENGLISH

1. To understand and learn the literary works on the basis of the foundation laid by the scholars. Strengthen their language competency. Assist them in understanding of extended frontiers of language and literature.
2. To write and speak English correctly
3. To understand culture and society
4. To learn democratic principles and language of law and governance
5. To understand global culture
6. To appreciate films and fine arts
7. To apply the knowledge of language in learning other foreign languages
8. To apply the knowledge of language in acquiring higher status in the society

HINDI

1. To study of Indian literature helps the students to understand the Indian culture and civilization.
2. To develop self-confidence and awareness of general issues prevailing in the society.
3. To develop social and cultural conscious, critical thinking, enhancing the values of justice, equality and liberty.
4. To write competitive examinations for securing jobs as teachers, official language officers, Hindi officers in government or other public/ private sectors etc.
5. To the students to get into different jobs like Asst. Professor in colleges, teacher in plus two, translator posts, official language officer posts etc...its advanced courses are M.Phil. and Ph. D in Hindi.

MARATHI

1. To introduce new trends in Marathi literature to know the importance of criticism.
2. To increase vision regarding literary value.
3. To know the concept and process of literature.
4. To know the importance of language in human life.
5. To understand the communication process and method.
6. Understand the tradition of researchers in Marathi literature .
7. To prepare for the examinations like NET/SLET 2.
8. To inculcate moral values in order to strengthen the society.

ECONOMICS

1. Students analyze economic information and develop solutions to economic problems.
2. Students recognize that although economists address economic problems with a common approach, the science is ever changing, and one's approach must be regularly evaluated and updated.
3. Students learn to apply methods of analysis and presentation of results that are commonly used in the profession in order to generate conclusions that are transparent and well supported by the research process.
4. Students able to explain what is meant by economic efficiency and the mechanism by which competitive markets lead to an efficient allocation of resources.
5. Students can discuss the costs and causes of unemployment, and assess public policies to ameliorate it.
6. To prepare any competitive exam like M.P.S.C., U.P.S.C., I.B.P.S., P.O., I.F.S. etc 2. To determine economic variables including inflation, unemployment, poverty of India, G.D.P., Balance of payment using statistical methods

Master of Commerce (M. Com.)

The post graduate program provides the students advanced knowledge in the field of business and management and also enables the students to acquire the basic skills required for carrying out business activities, research, stock market operations, accounting practices, etc. The program also provides them with adequate knowledge and skill to provide consultancy services in finance and marketing. Similarly after completion of the program students can confidently prepare for NET, SET, and other competitive examinations of their choice.

1. To understand the concepts of co-operation and co-operative movements
2. To acquire the knowledge about market, marketing information system and transportation in 21st century
3. To learn the basic management concepts and process
4. To acquire the knowledge about the modern trends in the management
5. To apply the techniques of micro and macro-economics for decision making in job/business
6. To understand the concepts and procedures in cost accounting system and make use of expert knowledge of costing data for decision making and control
7. To acquire research skills.

Prof. (Dr.) Suresh S. Patil
IQAC Coordinator

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